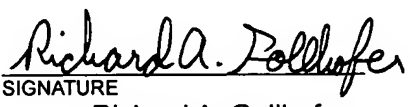


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|---|--|---|--|---|--|
| FORM PTO-1390<br>(REV. 12-2004)   |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |  | ATTORNEY'S DOCKET NUMBER<br>1454.1610                               |  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |  |   |  | U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/532346</b> |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP2003/011898  |  | INTERNATIONAL FILING DATE<br>23 October 2003            |  | PRIORITY DATE CLAIMED<br>24 October 2002                            |  |
| TITLE OF INVENTION<br>METHOD FOR RADIO SYSTEM RESOURCE MANAGEMENT   |  |   |  |   |  |
| APPLICANT(S) FOR DO/EO/US<br>Elena COSTA et al.   |  |   |  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |  |   |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.  |  |   |  |   |  |
| 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |   |  |   |  |
| 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.  |  |   |  |   |  |
| 4. <input checked="" type="checkbox"/> The US has been elected (Article 31).  |  |   |  |   |  |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>  |  |   |  |   |  |
| 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>  |  |   |  |   |  |
| 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> |  |   |  |   |  |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).  |  |   |  |   |  |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |  |   |  |   |  |
| 10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |  |   |  |   |  |
| <b>Items 11 to 20 below concern document(s) or information included:</b>  |  |   |  |   |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.   |  |   |  |   |  |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |   |  |   |  |
| 13. <input checked="" type="checkbox"/> A preliminary amendment.  |  |   |  |   |  |
| 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.   |  |   |  |   |  |
| 15. <input checked="" type="checkbox"/> A substitute specification.   |  |   |  |   |  |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter.   |  |   |  |   |  |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.   |  |   |  |   |  |
| 18. <input checked="" type="checkbox"/> A copy of the published international application under 35 U.S.C. 154(d)(4).  |  |   |  |   |  |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).  |  |   |  |   |  |
| 20. <input checked="" type="checkbox"/> Other items or information: Copies of International Search Report, International Preliminary Examination Report and Form PCT/IB/308.  |  |   |  |   |  |

|  |              |   |  |                                       |                 |
|--|--------------|---|--|---------------------------------------|-----------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/532346</b>  |              | INTERNATIONAL APPLICATION NO.<br>PCT/EP2003/011898  |  | ATTORNEY'S DOCKET NUMBER<br>1454.1810 |                 |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><input checked="" type="checkbox"/> a) Basic National Fee ..... \$300.00<br><input checked="" type="checkbox"/> b) Examination Fee ..... \$200.00<br><input checked="" type="checkbox"/> c) Search Fee ..... \$500.00<br><br><b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>   |              |   |  | APPLICANT USE                         | OFFICE USE ONLY |
|  |              |   |  | \$300.00                              |                 |
|  |              |   |  | \$200.00                              |                 |
|  |              |   |  | \$500.00                              |                 |
|  |              |   |  | \$1000.00                             |                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each addition 50 sheets of paper or fraction thereof.   |              |   |  |                                       |                 |
| Total Sheets   | Extra Sheets | Number of each additional<br>50 or fraction thereof | Rate   |                                       |                 |
| 21 - 100 =   | /50=         |   | X 250.00   |                                       |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              |   |  | \$                                    |                 |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE   | \$                                    |                 |
| Total claims   | 14- 20 =     | 0   | x \$50.00  | \$                                    |                 |
| Independent claims   | 3- 3 =       | 0   | X \$200.00   | \$                                    |                 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   |  | + \$360.00                            | \$              |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |  | <b>\$1000.00</b>                      |                 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |  | \$                                    |                 |
| <b>SUBTOTAL =</b>  |              |   |  | <b>\$1000.00</b>                      |                 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |   |  | \$                                    |                 |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |  | <b>\$1000.00</b>                      |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |  | + \$40.00                             |                 |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |  | <b>\$1040.00</b>                      |                 |
| Amount to be refunded:   |              |   |  |                                       | \$              |
| Amount to be charged:  |              |   |  |                                       | \$              |
| a. <input checked="" type="checkbox"/> A check in the amount of \$1040.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3935. A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |              |   |  |                                       |                 |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.   |              |   |  |                                       |                 |
| SEND ALL CORRESPONDENCE TO:<br><br>Staas & Halsey LLP<br>1201 New York Avenue, N.W., Suite 700<br>Washington, DC 20005   |              |   | <br>SIGNATURE<br>Richard A. Gollhofer<br>NAME<br>31,106<br>REGISTRATION NUMBER |                                       |                 |